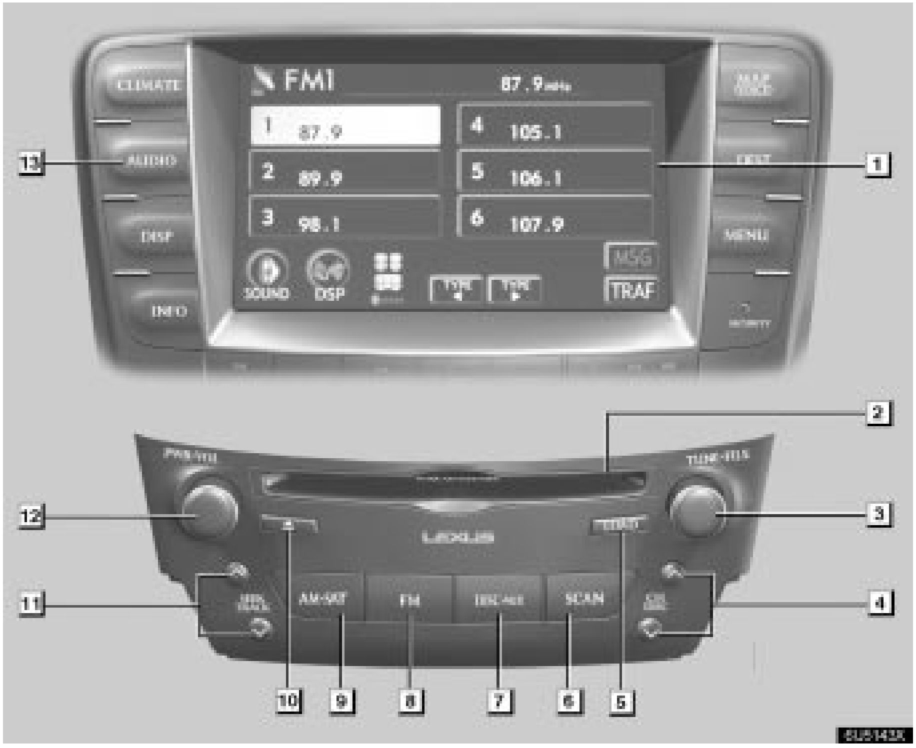
IS350/250_Navi_U
(L/O 0607)

SECTION VI

AUDIO/VIDEO SYSTEM

- Quick reference 160
- Using your audio/video system 161
  - Some basics 161
  - Radio operation 168
  - CD changer operation 180
  - DVD changer operation 193
- Audio/video remote controls 214
- Audio/video system operating hints 215

Quick reference



▶ ***If a Mark Levinson brand audio system is installed, the "Mark Levinson" logo is shown on the panel.***

1 Function button display screen
Touch the buttons displayed on the screen to control the radio, CD changer or DVD changer. For details, see page 164.

2 Disc slot
Insert discs into the slot after pushing "LOAD" button. For details, see pages 180 and 194.

3 "TUNE·FILE" knob
Turn this knob to move up or down the station band or file. For details, see page 168 and 189.

4 "CH/DISC" button
Push "∧" or "∨" button to select a preset turning or a selected disc. For details, see pages 170, 182, 184, 196 and 197.

5 "LOAD" button
Push this button to insert the disc. For details, see pages 180 and 194.

6 "SCAN" button
Push this button to scan radio stations or scan the tracks on a compact disc. For details, see pages 170.

7 "DISC·AUX" button
Push this button to turn the CD changer, DVD changer or AUX on. For details, see pages 163, 168, 184, 185 and 197.

8 "FM" button
Push this button to choose an FM station. For details, see pages 163 and 168.

9 **“AM·SAT” button**
Push this button to choose either an AM or SAT station. For details, see pages 163, 168 and 174.

10 **“⏏” button**
Push this button to stop and eject the disc. For details, see page 182 and 196.

11 **“SEEK/TRACK” button**
Push **“∧”** or **“∨”** button to seek up or down for a station, or to access a desired program, track, file or chapter. For details, see pages 170, 176, 185, 189, 202 and 211.

12 **“PWR·VOL” knob**
Push this knob to turn the audio system on and off, and turn it to adjust the volume. For details, see page 163.

13 **“AUDIO” button**
Push this button to display the audio control screen. For details, see page 163, 185, 188, 199 and 210.

Using your audio/video system —
— Some basics

This section describes some of the basic features on Lexus audio/video systems. Some information may not pertain to your system.

Your audio/video system works when the engine switch is in “ACC” or “IG-ON” mode.

NOTICE

To prevent the battery from being discharged, do not leave the audio/video system on longer than necessary when the engine is not running.

CAUTION

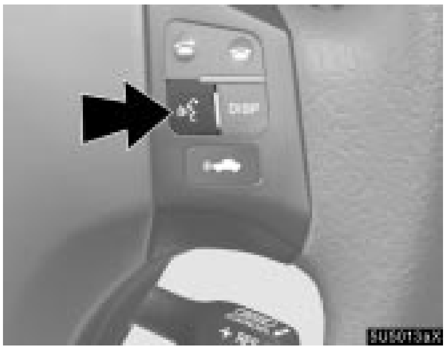
For vehicles sold in U.S.A. and Canada:

- **Part 15 of the FCC Rules**

  FCC Warning:
  Any unauthorized changes or modifications to this equipment will void the user's authority to operate this device.

- **Laser products**
  - **Do not take this unit apart or attempt to make any changes yourself. This is an intricate unit that uses a laser pickup to retrieve information from the surface of compact discs. The laser is carefully shielded so that its rays remain inside the cabinet. Therefore, never try to disassemble the player or alter any of its parts since you may be exposed to laser rays and dangerous voltages.**
  - **This product utilizes a laser. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.**

- **Speech command system**



By pushing the switch above, you can operate the speech command system.

For the operation of the speech command system and the list of commands, see pages 150 and 153.

- **Turning the system on and off**



“PWR·VOL”: Push this knob to turn the audio system on and off. Turn this knob to adjust the volume. The system turns on in the last mode used.

“AUDIO”: Push this button to display touch-screen buttons for audio system (audio control mode).

You can select the function that enables automatic return to the previous screen from the audio screen. See “(a) Automatic transition” on page 156 for details.

- **Switching between functions**

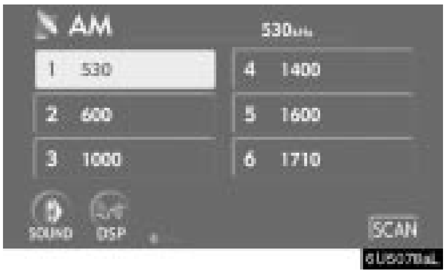


Push “AM·SAT”, “FM” or “DISC·AUX” button to turn on the desired mode. The selected mode turns on immediately.

Push these buttons if you want to switch from one mode to another.

If the disc is not set, the CD changer or DVD changer does not turn on.

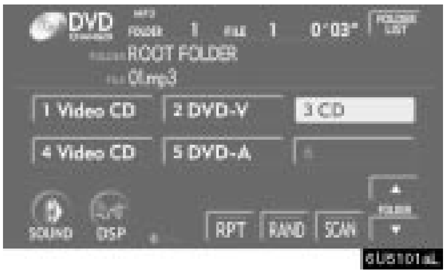
You can turn off the CD changer or DVD changer by ejecting the disc. If the audio system was previously off, then the entire audio system will be turned off when you eject the disc. If another function was previously playing, it will come on again.











The buttons for radio, CD changer and DVD changer operation are displayed on the function button display screen when the audio control mode is selected.

Touch them lightly and directly on the screen.

The selected button is highlighted.

INFORMATION

- ***If the system does not respond to a touch of a touch-screen button, move your finger away from the screen and then touch it again.***
- ***You cannot operate dimmed touch-screen buttons.***
- ***Wipe off fingerprints on the surface of the display using a glass cleaning cloth.***

- **Tone and balance**

How good an audio program sounds to you is largely determined by the mix of the treble, midrange, and bass levels. In fact, different kinds of music and vocal programs usually sound better with different levels of treble, midrange, and bass.

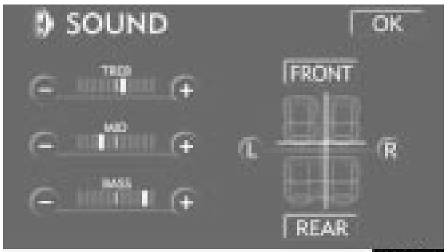
A good balance of the left and right stereo channels and of the front and rear sound levels is also important.

Keep in mind that if you are listening to a stereo recording or broadcast, changing the right/left balance will increase the volume of one group of sounds while decreasing the volume of another.



6U5079aL

1. Touching “SOUND” displays the sound adjustment screen.



6U5075L

2. Touch the desired button.

“TREB” “+” or “–”: Adjusts high-pitched tones.

“MID” “+” or “–”: Adjusts mid-pitched tones.

“BASS” “+” or “–”: Adjusts low-pitched tones.

“FRONT” or “REAR”: Adjusts sound balance between the front and rear speakers.

“L” or “R”: Adjusts sound balance between the left and right speakers.

3. Touch “OK”.

The tone of each mode (for such as AM, FM1 and DVD changer) can be adjusted.

● **DSP control**

To display the DSP control mode screen, touch **"DSP"** on the audio control mode screen.



▶ **With CD changer**



▶ **With DVD changer**

You can turn on/off the surround or the automatic sound levelizer on the DSP screen.

Surround function (DVD changer only):

Select "ON" of "SURROUND" and touch "OK".

The surround function will turn on.

Automatic sound levelizer (ASL): When the audio sound becomes difficult to hear due to road noise, wind noise or other noises while driving, touch **"ON"**. The system adjusts to the optimum volume and tone quality according to the noise level.

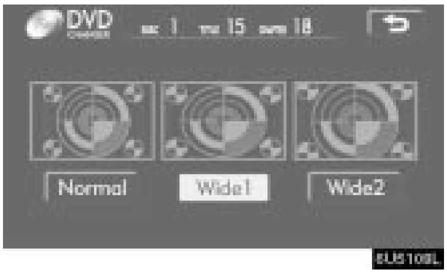
When the system is on, the sound adjustment level is displayed on the screen.

Positioning selector (CD changer only): By selecting the listening position, the system controls the output timing of the speakers to allow sound to be heard evenly, creating the ideal music environment.

Touching **"CHANGE"** switches the position in the following order: all seats, driver's seat, front seat, rear seat.

The position currently selected is displayed on the screen.

- **Selecting screen size**



Touching "WIDE MODE" displayed on the screen in the video control mode will display the wide mode control screen.

"Normal": When a 3 × 4 screen is displayed, the remaining parts will be in black.

"Wide 1": When a 3 × 4 screen is displayed, the screen will be widened horizontally to fill the display.

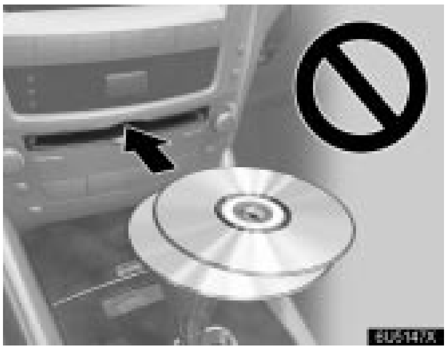
"Wide 2": When a 3 × 4 screen is displayed, the screen will be widened vertically and horizontally, in the same ratio, to fill the display.
When a 9 × 16 screen is displayed, this mode should be selected.

When you touch , the previous screen returns.

- **Your CD or DVD changer**

Your CD or DVD changer can store up to 6 discs and play selected discs or continuously play all the discs load in the changer.

When you load discs into the changer, make sure their labels are facing up. If not, "CD × × Check" or "DISC × Check" will appear on the screen.



NOTICE

- ***Never try to disassemble or oil any part of the CD or DVD changer. Do not insert anything other than discs into the slot.***
- ***Do not insert a disc upon another one, or it will damage the CD or DVD changer. Insert only one disc into the slot at a time.***

The changer is intended for use with 12 cm (4.7 in.) discs only.

- **AUX adapter**

The sound of portable audio players connected to the AUX adapter can be enjoyed. Push the **"DISC·AUX"** button to switch to AUX mode. For details, refer to the *"Owner's Manual"*.

— Radio operation

- **Listening to the radio**



Push these buttons to choose either an AM or FM station.

"AM", "FM1" or "FM2" appears on the screen.

If your vehicle is equipped with a satellite radio broadcast system, when you push the "AM·SAT" button, "AM", "SAT1", "SAT2", "SAT3" station appears on the display. For details about satellite radio broadcast, see "— Radio operation (XM satellite radio broadcast)" on page 173.



6U5150X

Turn the knob clockwise to step up the station band or counterclockwise to step down.

Your radio automatically changes to stereo reception when a stereo broadcast is received. “ST” appears on the screen. If the signal becomes weak, the radio reduces the amount of channel separation to prevent the weak signal from creating noise. If the signal becomes extremely weak, the radio switches from stereo to mono reception. In this case, “ST” disappears from the screen.

- **Presetting a station**



6U5079aL

1. Tune in the desired station.

2. Touch one of the channel selector buttons (1 — 6) you want and hold it until a beep is heard.

This sets the station to the touch-screen button and the frequency appears on the touch-screen button.

Each radio mode can store up to 6 stations. To change the preset station to a different one, follow the same procedure.

The preset station memory is cancelled when the power source is interrupted by battery disconnection or a blown fuse.

- **Selecting a station**

Tune in the desired station using one of the following methods.

Preset tuning: Touch the channel selector button (1 — 6) or push the **"∧"** or **"∨"** button of **"CH/DISC"** for the station you want. The touch-screen button is highlighted and the station frequency appears on the screen.

Seek tuning: Push the **"∧"** or **"∨"** button of **"SEEK/TRACK"**. The radio will begin seeking up or down for a station of the nearest frequency and will stop on reception. Each time you push the button, the stations will be searched automatically one after another.

To scan all the frequencies: Touch **"SCAN"** on the screen or push the **"SCAN"** button briefly. "SCAN" appears on the screen. The radio will find the next station and stay there for a few seconds, and then scan again. To select a station, touch **"SCAN"** or push the **"SCAN"** button again.

To scan the preset stations: Touch **"SCAN"** on the screen or push the **"SCAN"** button for longer than approximately a second. "P·SCAN" appears on the screen. The radio will tune in the next preset station, stay there for a few seconds, and then move to the next preset station. To select a station, touch **"SCAN"** or push the **"SCAN"** button again.

- **RDS (Radio Data System)**

Your audio system is equipped with Radio Data Systems (RDS). RDS mode allows you to receive text messages from radio stations that utilize RDS transmitters.

When RDS is on, the radio can
— select only stations of a particular program type,
— display messages from radio stations,
— search for a stronger signal station.

RDS features are available for use only on FM stations which broadcast RDS information.

If the system receives no RDS stations, "NO PTY" appears on the display.



6U5079aL

"TYPE ◀ ▶"

Each time you touch **"TYPE ◀"** or **"TYPE ▶"**, the program type changes as follows:

- ROCK
- MISC (Miscellaneous)
- INFORM (Information)
- EASY LIS (Easy listening)
- CLS/JAZZ (Classical music and Jazz)
- R & B (Rhythm and Blues)
- RELIGION
- ALARM (Emergency message)



6U5080aL

"TYPE SEEK"

When a program is set, "TYPE SEEK" appears. Touch this button and the system starts to seek the station in the relevant program type.

If any type program station is not found, "NOTHING" appears on the display.



"MSG" (MESSAGE)

If the system receives a radio text from an RDS station, "MSG" appears on the display. Touch **"MSG"**, and a text message is displayed on the screen.

- **Traffic announcement**



"TRAF"

The tuner automatically seeks a station that regularly broadcasts traffic information.

When you touch **"TRAF"**, "TRAF SEEK" appears on the display, and the radio will start seeking any station broadcasting traffic program information.

If no traffic program station is found, "NOTHING" appears on the display.

Traffic information may not be broadcasted when searching.

If a traffic program station is found, the name for traffic program station is displayed and "TRAF" is lit for a while until a traffic announcement is received.

— Radio operation (XM satellite radio broadcast)

To listen to a satellite radio broadcast in your vehicle, an additional genuine Lexus satellite receiver and antenna must be purchased and installed, and the subscription to the XM satellite radio is necessary.

- **How to subscribe to an XM satellite radio**

An XM satellite radio is a tuner designed exclusively to receive broadcasts provided under a separate subscription. Availability is limited to the 48 contiguous states.

How to subscribe: You must enter into a separate service agreement with the XM radio in order to receive satellite broadcast programming in the vehicle. Additional activation and service subscription fees apply that are not included in the purchase price of the vehicle and optional digital satellite tuner. For complete information on subscription rates and terms, or to subscribe to the XM radio, visit XM on the web at www.xmradio.com or call an XM's Listener Care at (800) 967-2346. The XM radio is solely responsible for the quality, availability and content of the satellite radio services provided, which are subject to the terms and conditions of the XM radio customer service agreement.

Customers should have their radio ID ready; the radio ID can be found by selecting "channel 000" on the radio. For details, see the "Displaying the radio ID" that follows.

All fees and programming are the responsibility of the XM satellite radio and are subject to change.

Satellite tuner technology notice: Toyota's satellite radio tuners are awarded Type Approval Certificates from XM Satellite Radio Inc. as proof of compatibility with the services offered by the XM satellite radio.

- **Displaying the radio ID**

Each XM tuner is identified with a unique radio ID. You will need the radio ID when activating XM service or when reporting a problem.

If you select the "CH 000" using the **"TUNE"** knob, the ID code of 8 alphanumeric characters appears. If you select another channel, display of the ID code is canceled. The channel (000) alternates the display between the radio ID and the specific radio ID code.

- **Listening to satellite radio**



Push the “AM·SAT” button to choose either an AM station or an SAT channel.

Besides “AM”, “SAT1”, “SAT2” or “SAT3” appears on the display.



Turn this knob to select the next or previous channel.

If you turn continuously, you can rapidly scroll forward or down through the channels.
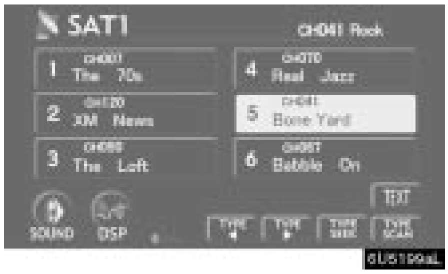
● **Channel category**



Touch either **"TYPE◀"** or **"TYPE▶"** to go to the next or previous category.

● **Presetting a channel**

1. Tune in the desired channel.



2. Touch one of the channel selector buttons (1 — 6) and hold it until a beep is heard.

This sets the channel to the touch-screen button and the name and number of the channel appears on the touch-screen button.

Each touch-screen button can store three SAT channels. To change the preset channel to a different one, follow the same procedure.

The preset channel memory is cancelled when the power source is interrupted by battery disconnection or a blown fuse.

- **Selecting a channel**

Tune in the desired channel using one of the following methods.

Preset tuning: Touch the channel selector button (1 — 6) for the channel you want. The button (1 — 6) is highlighted and channel number appears on the display.

To select channel within the current category: Push the **“∧”** or **“∨”** button of “SEEK/TRACK”.



To scan the currently selected channel category: Touch **“TYPE SCAN”** or push the **“SCAN”** button briefly. “SCAN” appears on the display. The radio will find the next channel in the same channel category, stay there for a few seconds, and then scan again. To select a channel, touch **“TYPE SCAN”** or push the **“SCAN”** button a second time.

To scan the preset channels: Push the **“SCAN”** button and hold it until you hear a beep. “P.SCAN” appears on the display. The radio will find the next preset channel, stay there for a few seconds, and then move to the next preset channel. To select a channel, push the **“SCAN”** button a second time.



- **Displaying the title and name**

When you touch **"TEXT"**, the song/program title and the artist name/feature are displayed.

Up to 16 alphanumeric characters can be displayed. (Some information will not be fully displayed.)

When you touch **"TEXT"** again, the display returns.

- **If the satellite radio tuner malfunctions**

When problems occur with the XM tuner, a message will appear on the display. Referring to the table below to identify the problem, take the suggested corrective action.

ANTENNA	The XM antenna is not connected. Check whether the XM antenna cable is attached securely.
	A short circuit occurs in the antenna or the surrounding antenna cable. See a Lexus certified dealer for assistance.
UPDATING	You have not subscribed to the XM satellite radio. The radio is being updated with the latest encryption code. Contact the XM satellite radio for subscription information. When a contact is canceled, you can choose the “CH000” and all free-to-air channels.
	The premium channel you selected is not authorized. Wait for about 2 seconds until the radio returns to the previous channel or “CH001”. If it does not change automatically, select another channel. If you want to listen to the premium channel, contact the XM satellite radio.
NO SIGNAL	The XM signal is too weak at the current location. Wait until your vehicle reaches a location with a stronger signal.
LOADING	The unit is acquiring audio or program information. Wait until the unit has received the information.
OFF AIR	The channel you selected is not broadcasting any programming. Select another channel.
-----	There is no song/program title or artist name/feature associated with the channel at that time. No action needed.
---	The channel you selected is no longer available. Wait for about 2 seconds until the radio returns to the previous channel or “CH001”. If it does not change automatically, select another channel.

The XM Listener Care Center is also available on the phone, please call (800) 852-9696 during the following hours:
Monday — Saturday: 7 a.m. — 1 a.m.   Sunday: 12 p.m. — 12 a.m. (EST)

NOTICE

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna.

— Increase the separation between the equipment and receiver.

— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

— Consult the dealer or an experienced radio/TV technician for help.

Information to user

Alternation or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

INFORMATION

This XM tuner supports "Audio Services" (Music and Talk) of only XM satellite radio and "Text Information" linked to the respective "Audio Services".*

**Text Information includes, Station Name, (Artist) Name, (Song) Title and Category Name.*

— CD changer operation

The CD changer can play audio CDs, CD text, WMA discs, MP3 discs.

- Audio CD, CD text 185
- MP3/WMA disc 188

For appropriate discs for this changer, see "Audio/video system operating hints" on page 215.

(a) Inserting or ejecting discs

The engine switch must be in "ACC" or "IG-ON" mode.

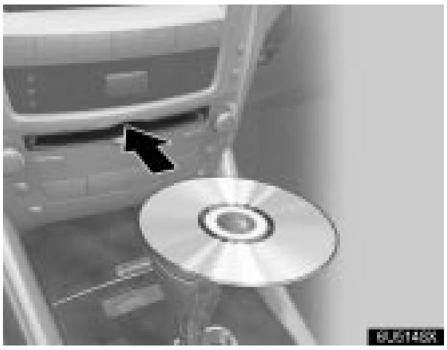
Your CD changer can store up to 6 discs.

- **Setting a single disc:**



1. Push the "LOAD" button briefly.

The orange indicators at both ends of the slot start blinking. After the orange indicators change to green and stay on, the CD changer door will open.



2. Insert only one disc while the CD changer door is open.

You can set a disc at the lowest empty disc number.

After insertion, the set disc is automatically loaded.

If the label faces down, the disc cannot be played. In this case, "CD × × Check" appears on the screen.

If you do not insert the disc within 15 seconds after pushing the **"LOAD"** button, the beep will sound and the operation will be canceled automatically.

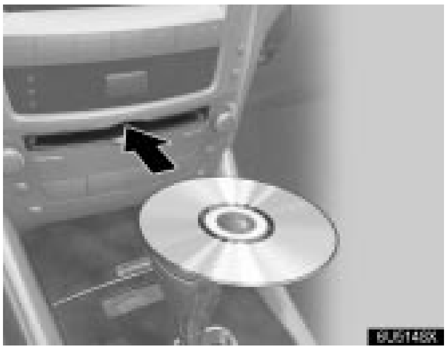
If you need to insert the next disc, repeat the same procedure to insert another disc.

- **Setting all the discs:**



1. Push the "LOAD" button until you hear a beep.

The orange indicators at both ends of the slot start blinking. After the orange indicators change to green and stay on, the CD changer door will open.



2. Insert only one disc while the CD changer door is open.

The CD changer door closes and the orange indicators start blinking.

3. Insert the next disc after the orange indicators change to green and stay on and the CD changer door opens.

4. Repeat this procedure until you insert all the discs.

To cancel the operation, push the **"LOAD"** button briefly.

If you do not insert the discs within 15 seconds after pushing the **"LOAD"** button, the beep will sound and the operation will be canceled automatically.

NOTICE

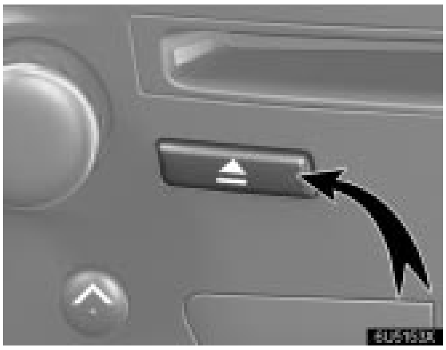
Do not insert one disc stacked on top of another one or feed them in continuously, to prevent discs from getting stuck in the changer.

● **Ejecting a single alone:**





1. Push the "∧" or "∨" button of "CH/DISC" or touch the disc number button on the screen to highlight the disc number you want to eject.

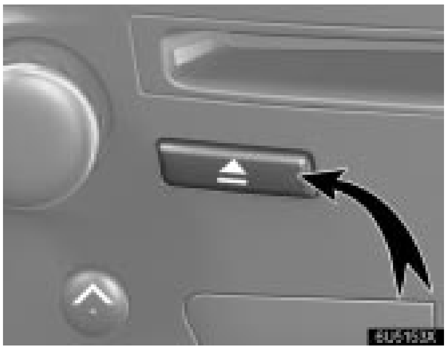


2. Push the ⏏ button for the disc briefly.

At this time, the orange indicators of the slot start blinking and the disc is ejected.

3. After the blinking indicators stay on, remove the disc.

- **Ejecting all the discs:**



1. Push the ⏏ button for the disc until you hear a beep.

At this time, the orange indicators of the slot start blinking and a disc is ejected.

2. After the blinking indicators stay on, remove the disc.

The indicators start blinking again and the next disc is ejected.

If you do not remove the disc within 15 seconds after it is ejected, the beep will sound and the operation will be canceled automatically.

When all the discs are removed, the indicators go out.



The numbers of the trays where the disc is not set are dimmed.

(b) Playing a disc



Push the **"DISC·AUX"** button if the disc are already loaded in the CD changer.

The "CD CHANGER" screen will be displayed.

The discs set in the CD changer are played continuously, starting with the last disc you inserted. The disc number of the disc currently being played, the track or title and chapter number and the time from the beginning of the program are shown on the display.

Audio CD only —

When play of one audio disc ends, the first track of the following audio disc starts. When play of the final audio disc ends, play of the first audio disc starts again.

The changer will skip any empty disc trays.

(c) Selecting a desired disc





On the screen:

Touch the desired disc number.

The selected disc number is highlighted.

The changer will start playing the selected disc from the first track.

On the audio panel:

Push the "∧" or "∨" button of "CH/DISC".

When you release the button, the changer will start playing the selected disc from the first track.

(d) Operating an audio CD

● Playing an audio CD



Push the "AUDIO" button to display this screen.

CD text only — The disc title and track title will appear on the screen when pushing the **"DISC·AUX"** button.

You can operate the touch-screen buttons and choose the number of the disc you want to play. The selected disc is automatically played.

● Selecting a desired track



"SEEK/TRACK" button: Use for a direct access to a desired track.

Push the **"∧"** or **"∨"** button of **"SEEK/TRACK"** and repeat it until the desired track number appears on the screen. As you release the button, the changer will start playing the selected track from the beginning.

"TRACK LIST": The desired track can be selected from a list. This function is available only when the vehicle is not moving.

Touch **"TRACK LIST"**. The track list is displayed.



Touch the desired track number. The changer will start playing the selected track from the beginning.

: By touching this button, the list moves up by 6 track groups. If this button is touched when the top page of the list is displayed, the last page is displayed.

: By touching this button, the list moves down by 6 track groups. If this button is touched when the last page of the list is displayed, the top page is displayed.

Fast forward: Push the **"∧"** button of **"SEEK/TRACK"** and hold it to fast forward the disc. When you release the button, the changer will resume playing from that position.

Reverse: Push the **"∨"** button of **"SEEK/TRACK"** and hold it to reverse the disc. When you release the button, the changer will resume playing.

- **Searching for a desired track or a disc**

Searching for a desired track —

While the disc is playing, touch "SCAN" briefly.

"SCAN" appears on the screen. The changer will play the next track for 10 seconds, then scan again. To select a track, touch **"SCAN"** once again. If the changer reaches the end of the disc, it will continue scanning at track 1.

After all the tracks are scanned in one pass, normal play resumes.

Searching for a desired disc —

While the disc is playing, touch "SCAN" and hold it until the "D·SCAN" appears on the screen.

The program at the beginning of each audio disc will be played for 10 seconds. To continue listening to the program of your choice, touch **"SCAN"** once again.

After all the audio discs are scanned in one pass, normal play resumes.

- **Other functions**



"RPT": Use it for automatic repeat of the track or disc you are currently listening to.

Repeating a track —

While the track is playing, touch "RPT" briefly.

"RPT" appears on the screen. When the track is finished, the changer will automatically go back to the beginning of the track and play the track again. To cancel it, touch **"RPT"** once again.

Repeating a disc —

While the disc is playing, touch "RPT" and hold it until the "D·RPT" appears on the screen.

When the disc is finished, the changer will automatically go back to the beginning of the disc and play the disc again. To cancel it, touch **"RPT"** once again.

"RAND": Use it for automatic and random selection.

Playing the tracks on one disc in random order —

While the disc is playing, touch "RAND" briefly.

"RAND" appears on the screen. The system selects a track on the disc being listened to in random order. To cancel it, touch **"RAND"** once again.

Playing the tracks on all the audio discs in random order —

While the disc is playing, touch "RAND" and hold it until the "D·RAND" appears on the screen.

The system selects a track on all the audio discs in the changer in random order. To cancel it, touch **"RAND"** once again.

If a CD-TEXT disc is inserted, the title of the disc and track will be displayed. Up to 16 letters can be displayed.

(e) Operating a MP3/WMA disc

- **Playing a MP3/WMA disc**



Push the "AUDIO" button and touch a MP3/WMA disc number to display this screen.

You can operate the touch-screen buttons and choose the number of the disc you want to play. The selected disc is automatically played.

- **Selecting a desired folder**

"FOLDER▲": Touch this button to go to the next folder.

"FOLDER▼": Touch this button to go to the previous folder.

"FOLDER LIST": The desired folder can be selected in a list. This function is available only when the vehicle is not moving.

Touch **"FOLDER LIST"**. The folder list is displayed.



Touch the desired folder number. The changer will start playing the first file of the selected folder.

: By touching this button, the list moves up by 6 folder groups. If this button is touched when the top page of the list is displayed, the last page is displayed.

: By touching this button, the list moves down by 6 folder groups. If this button is touched when the last page of the list is displayed, the top page is displayed.

"FILE": The file list is displayed.

"DETAIL": Details of the file currently playing is displayed. This function is available only when the vehicle is not moving.

- **Selecting a desired file**



“SEEK/TRACK” button: Use for direct access to a desired file.

Push the **“∧”** or **“∨”** button of **“SEEK/TRACK”** and repeat it until the desired file number appears on the display. As you release the button, the changer will start playing the selected file from the beginning. When “RAND” or “FLD·RPT” is on, the file number within the folder you are currently being listened to appears.

Fast forward: Push the **“∧”** button of **“SEEK/TRACK”** and hold it to fast forward the disc. When you release the switch, the changer will resume playing from that position.

Reverse: Push the **“∨”** button of **“SEEK/TRACK”** and hold it to reverse the disc. When you release the button, the changer will resume playing.



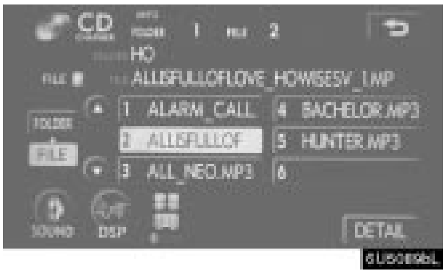
“TUNE·FILE” knob: Use for direct access to a desired file in the disc.

Turn the **“TUNE·FILE”** knob to step up or down all the files in the disc you are currently listening to. The file number appears on the display. When “RAND” or “FLD·RPT” is on, all the files in the folder you are currently being listened to can be stepped up or down.



"FILE": The desired file can be selected in a list. This function is available only when the vehicle is not moving.

Touch **"FILE"**. The file list is displayed.



Touch the desired file number. The changer will start playing the selected file from the beginning.

: By touching this button, the list moves up by 6 file groups. If this button is touched when the top page of the list is displayed, the last page is displayed.

: By touching this button, the list moves down by 6 file groups. If this button is touched when the last page of the list is displayed, the top page is displayed.

"FOLDER": The folder list is displayed.

"DETAIL": Details of the file currently playing is displayed. This function is available only when the vehicle is not moving.

- **Searching for a desired file**



While the disc is playing, touch "SCAN" briefly.

"SCAN" appears on the screen. The changer will play the next file in the folder for 10 seconds, then scan again. To select a file, touch **"SCAN"** once again. If the changer reaches the end of the folder, it will continue scanning from file 1.

After all the files are scanned in one pass, normal play resumes.

- **Searching for a desired folder**



While the disc is playing, touch "SCAN" and hold it until the "FLD·SCAN" appears on the screen.

The program at the beginning of each folder will be played for 10 seconds. To continue listening to the program of your choice, touch **"SCAN"** once again.

After all the folders are scanned in one pass, normal play resumes.

- **Other functions**



"RPT": Use it for automatic repeat of the file or folder you are currently listening to.

Repeating a file —

While the file is playing, touch"RPT" briefly.

"RPT" appears on the screen. When the file is finished, the changer will automatically go back to the beginning of the file and play the file again. To cancel it, touch **"RPT"** once again.

Repeating a folder —

While the folder is playing, touch "RPT" and hold it until the "FLD·RPT" appears on the screen.

When the folder is finished, the changer will automatically go back to the beginning of the folder and play the folder again. To cancel it, touch **"RPT"** once again.

"RAND": Use it for automatic and random selection of the folder or the disc which you are currently listening to.

Playing the files in one folder in random order —

While the disc is playing, touch "RAND" briefly.

"RAND" appears on the screen. The system selects a file in the folder you are currently listening to. To cancel it, touch **"RAND"** once again.

Playing the files in all the folders on one disc in random order —

While the disc is playing, touch "RAND" and hold it until the "FLD·RAND" appears on the screen.

The system selects a file in all the folders. To cancel it, touch the button once again.

When a file is skipped or the system is inoperative, touch **"RAND"** to reset.

(f) If the player malfunctions

If the player or another unit equipped with the player malfunctions, your audio system will display following messages.

If “No CD” appears on the display: It indicates that there is no disc in the CD changer.

If “CD × × Check” appears on the display: It indicates that the disc dirty, damaged, or it was inserted upside down. Clean the disc or insert it correctly. If a disc which is not playable is inserted, “CD × × Check” will also appear on the screen. For appropriate discs for this player, see “Audio/video system operating hints” on page 215.

If “CD Error” appears on the display: The following causes are possible.

- There is a trouble inside the system. Eject the disc.
- The inside of the player unit may be too hot due to the very high ambient temperature. Eject the disc and allow the player to cool down.

If “NO MUSIC FILE” appears on the display: It indicates that the disc has no playable data.

If the malfunction is not rectified: Take your vehicle to your dealer.

If an MP3/WMA disc contains CD-DA files, only CD-DA files are played. If an MP3/WMA disc contains files other than CD-DA, only MP3/WMA files are played.

— DVD changer operation

The DVD changer can play audio CDs, video CDs, CD text, WMA discs, MP3 discs, DVD video discs and DVD audio discs.

- Audio CD, CD text 185
- MP3/WMA disc 188
- DVD video, DVD audio 198
- Video CD 210

For appropriate discs for this changer, see “Audio/video system operating hints” on page 215.

For safety reasons, you can enjoy DVD video discs, DVD audio discs and video CDs only when the vehicle is completely stopped with the engine switch is in “ACC” or “IG-ON” mode and the parking brake applied. While you are driving, you can hear audio alone even in the DVD video, DVD audio or video CD mode.

(a) Inserting or ejecting discs

The engine switch must be in “ACC” or “IG-ON” mode.

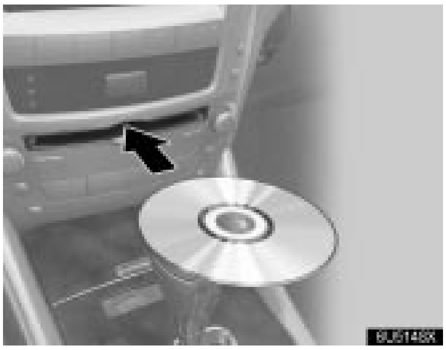
Your DVD changer can store up to 6 discs.

- **Setting a single disc:**



1. Push the “LOAD” button briefly.

The orange indicators at both ends of the slot start blinking. After the orange indicators change to green and stay on, the DVD changer door will open.



2. Insert only one disc while the DVD changer door is open.

You can set a disc at the lowest empty disc number.

After insertion, the set disc is automatically loaded.

If the label faces down, the disc cannot be played. In this case, “DISC × Check” appears on the screen.

If you do not insert the disc within 15 seconds after pushing the **“LOAD”** button, the beep will sound and the operation will be canceled automatically.

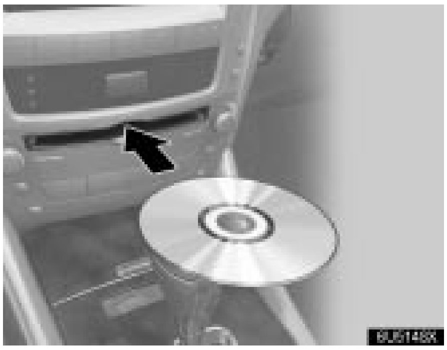
If you need to insert the next disc, repeat the same procedure to insert another disc.

- **Setting all the discs:**



1. Push the "LOAD" button until you hear a beep.

The orange indicators at both ends of the slot start blinking. After the orange indicators change to green and stay on, the DVD changer door will open.



2. Insert only one disc while the DVD changer door is open.

The DVD changer door closes and the orange indicators start blinking.

3. Insert the next disc after the orange indicators change to green and stay on and the DVD changer door opens.

4. Repeat this procedure until you insert all the discs.

To cancel the operation, push the **"LOAD"** button briefly.

If you do not insert the discs within 15 seconds after pushing the **"LOAD"** button, beep will sound and the operation will be canceled automatically.

NOTICE

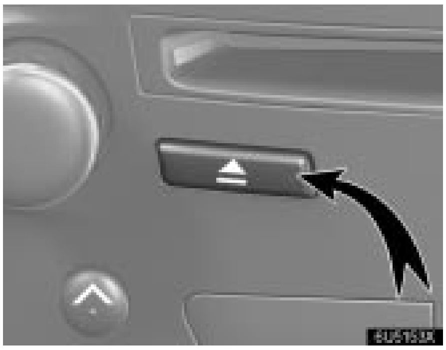
Do not insert one disc stacked on top of another one or feed them in continuously, to prevent discs from getting stuck in the changer.

● **Ejecting a single alone:**





1. Push the "∧" or "∨" button of "CH/DISC" or touch the disc number button on the screen to highlight the disc number you want to eject.

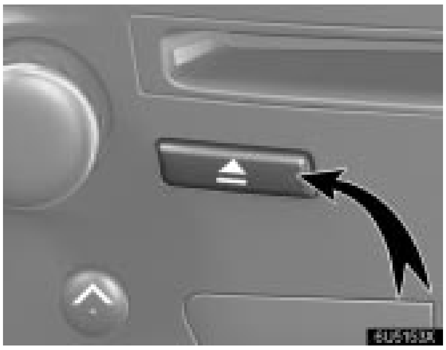


2. Push the ⏏ button for the disc briefly.

At this time, the orange indicators of the slot start blinking and the disc is ejected.

3. After the blinking indicators stay on, remove the disc.

● **Ejecting all the discs:**



1. Push the ⏏ button for the disc until you hear a beep.

At this time, the orange indicators of the slot start blinking and a disc is ejected.

2. After the blinking indicators stay on, remove the disc.

The indicators start blinking again and the next disc is ejected.

If you do not remove the disc within 15 seconds after it is ejected, the beep will sound and the operation will be canceled automatically.

When all the discs are removed, the indicators go out.



The numbers of the trays where the disc is not set are dimmed.

(b) Playing a disc



Push the **"DISC·AUX"** button if the disc are already loaded in the DVD changer.

The "DVD CHANGER" screen will be displayed.

The discs set in the DVD changer are played continuously, starting with the last disc you inserted. The disc number of the disc currently being played, the track or title and chapter number and the time from the beginning of the program are shown on the display.

Audio CD only —

When play of one audio disc ends, the first track of the following audio disc starts. When play of the final audio disc ends, play of the first audio disc starts again.

The changer will skip any empty disc trays.

(c) Selecting a desired disc





On the screen:

Touch the desired disc number.

The selected disc number is highlighted.

The changer will start playing the selected disc from the first track.

On the panel:

Push the "∧" or "∨" button of "CH/ DISC".

When you release the button, the changer will start playing the selected disc from the first track.

(d) Operating a DVD disc

NOTE: The playback condition of some DVD discs may be determined by a DVD software producer. This DVD changer plays a disc as the software producer intended. So some functions may not work properly. Be sure to read the instruction manual for the DVD disc separately provided. For the detailed information about DVD video discs, see "(g) DVD player and DVD video disc information" on page 212.

- **Precautions on DVD video disc**

When recording with a DVD video or video CD, audio tracks may not record in some cases while the menu is displayed. As audio will not play in this case, verify that the video tracks are playing and then activate playback.

When playback of a disc is completed:

- If an audio CD or MP3/WMA disc is playing, the first track or file starts.
- If a DVD video or video CD is playing, playback will stop or the menu screen will be displayed.

The title/chapter number and playback time display may not appear while playing back certain DVD video discs.

⚠ CAUTION

Conversational speech on some DVDs is recorded at a low volume to emphasize the impact of sound effects. If you adjust the volume assuming that the conversations represent the maximum volume level that the DVD will play, you may be startled by louder sound effects or when you change to a different audio source. The louder sounds may have a significant impact on the human body or pose a driving hazard. Keep this in mind when you adjust the volume.



This "DVD Hint!" screen appears when the video screen is first displayed after the engine switch is in "ACC" or "IG-ON" mode.

Touch **"OK"** when you read the message.

● **Playing a DVD disc**

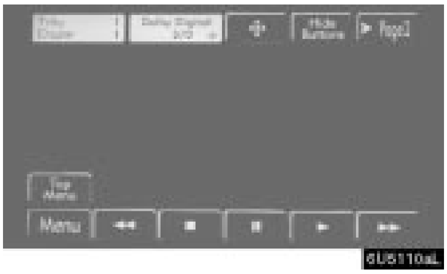


Push the **"AUDIO"** button to display this screen. You can operate the touch-screen buttons and choose the number of the disc you want to play. The selected disc is automatically played.

When you touch **"WIDE"**, the screen mode can be changed.

It you touch **"PICTURE"** when the vehicle is completely stopped and the parking brake is applied, the video screen returns.

● **Displaying DVD controls**





▶ **DVD video**





▶ **DVD audio**

If you touch a part of the screen, where controls are not located while watching video, DVD controls will appear.

"> Page2": Touching this will display on the second page of DVD controls.

"< Page1": Touching this will display the top page of DVD controls.

"Hide Buttons": Touching this will turn off the controls from the screen.

If "🛇" appears on the screen when you touch a control, the operation relevant to the control is not permitted.

● **Description of DVD controls**

TOP PAGE OF DVD VIDEO CONTROLS

"Menu" and "Top Menu": If you touch either button, the menu screen for DVD video appears. (For the operation, see the manual that come with the DVD video disc provided separately.)

: The menu control key appears on the screen. (See page 201.)

: Touching this will pause the video screen.

: Touching this will fast reverse.

: Touching this will stop the DVD video disc.

: Touching this will resume normal play after stop or pause.

: Touch this button to fast forward during the playback. During pause, touch this button briefly to advance frame by frame, or touch and hold it to play slowly.

SECOND PAGE OF DVD VIDEO CONTROLS

"Setup": The initial setup screen appears. (See page 206.)

"Select Number": The track or number search screen appears. (See page 211.)

"Search": The title search screen appears. (See page 202.)

"Return": Touching this will display the predetermined scene and start playing from there.

"AUDIO": The audio changing screen appears. (See page 204.)

"Subtitle": The subtitle changing screen appears. (See page 204.)

"Angle": The angle selection screen appears. (See page 205.)

TOP PAGE OF DVD AUDIO CONTROLS

“Top Menu”: If you touch this button, the menu screen for DVD audio appears. (For operation, refer to the DVD audio disc manual that is provided separately.)

“AUDIO”: The audio changing screen appears. (See page 205.)

: The menu control key appears on the screen. (See page 201.)

: Touch this button to pause the disc.

: Touching this will fast reverse.

: Touching this will stop the disc.

: Touching this will resume normal play after stop or pause.

: Touch this button to fast forward during the playback. During pause, touch this button briefly to advance frame by frame, or touch and hold it to play slowly.

SECOND PAGE OF DVD AUDIO CONTROLS

“Setup”: The initial setup screen appears. (See page 206.)

“Search”: The group search screen appears. (See page 202.)

“Return”: Touching this will display the predetermined scene and start playing from there.

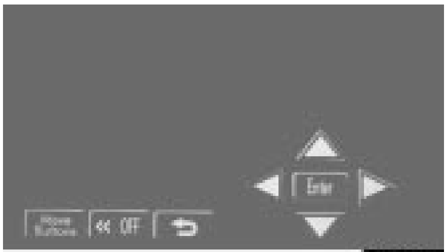
“Prev. Still”: Touch this button to reverse the still pictures. (See page 203.)

“Next Still”: Touch this button to forward the still pictures. (See page 203.)

“Subtitle”: The subtitle changing screen appears. (See page 204.)

“Angle”: The angle selection screen appears. (See page 205.)

● **Selecting a menu item**



6U5114aL

Enter the menu item using ▲, ▶, ▼ and ◀ buttons and touch “Enter”.

The player starts playing video for that menu item. (For details, see the manual that comes with the DVD video disc provided separately.)

Each time you touch **“Move Buttons”**, the controls on the screen move upward and downward.

When you touch **“<<OFF”**, the controls will disappear. To display them again, touch **“>>ON”**.

When you touch , the previous screen returns.

● **Searching by title**



6U5115aL

DVD video only —

Enter the title number and touch “Enter”.

The player starts playing video for that title number.

When you push the **“∧”** or **“∨”** button of **“SEEK/TRACK”**, you can select a chapter.

If you enter the wrong numbers, touch **“Clear”** to delete the numbers.

When you touch , the previous screen returns.

● **Searching by group**



6U5116aL

DVD audio only —

Enter the group number and touch “Enter”.

The selected group number will appear on the screen.

The player starts playing the disc from the entered group number.

When you push the **“∧”** or **“∨”** button of **“SEEK/TRACK”**, you can select a track.

If you enter the wrong numbers, touch **“Clear”** to delete the numbers.

When you touch , the previous screen returns.

- **Selecting the bonus group**



DVD audio only —

Enter the bonus group number on the searching group screen and touch “Enter”.

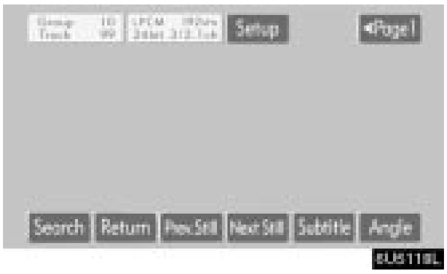
The “Enter Key Code” screen will appear. To enter the number of the group you want to play, push the group number.

If you enter the wrong number, touch ◀ to delete the number.

Touch “Enter” on the screen.

The player starts playing the disc from the selected bonus group number.

- **Changing the still picture**



DVD audio only —

Touch “Prev. Still” or “Next Still” on the screen to forward or reverse the still pictures.

- **Changing the subtitle language**



Each time you touch “Subtitle”, the language is selected from the ones stored in the discs and changed.

To turn off the subtitle, touch “Hide”.

When you touch [back button], the previous screen returns.

- **Changing the audio language**



DVD video only —

Each time you touch “AUDIO”, the language is selected from the ones stored in the discs and changed.

When you touch [back button], the previous screen returns.

- **Changing the audio format**



6U5121aL

DVD audio only —

Each time you touch “Audio”, another audio format stored on the disc is selected.

When you touch , the previous screen returns.

- **Changing the angle**



6U5122L

The angle can be selected for discs that are multi-angle compatible when the angle mark appears on the screen.

Each time you touch “Angle”, the angle changes.

When you touch , the previous screen returns.

- **Setup menu**



The initial setting can be changed.

After you change the initial setting, touch **"Enter"**. The previous picture will be displayed.

When **"Default"** is touched, all menus are initialized.

AUDIO LANGUAGE

You can change the audio language.

1. Touch "Audio Language".

2. Touch the language you want to hear on the "Select Audio Language" screen.

If you cannot find the language you want to hear on this screen, touch **"Other"** and enter a language code. For the entry of language code, see page 207.

SUBTITLE LANGUAGE

You can change the subtitle language.

1. Touch "Subtitle Language".

2. Touch a language you want to read on the "Select Subtitle Language" screen.

If you cannot find the language you want to read on this screen, touch **"Other"** and enter a language code. For the entry of language code, see page 207.

To return to the "Setup Menu" screen, touch .

DVD LANGUAGE

You can change the language on the DVD video menu.

1. Touch "DVD Language".

2. Touch the language you want to read on the "DVD Language" screen.

If you cannot find the language you want to read on this screen, touch **"Other"** and enter a language code. For the entry of language code, see page 207.

To return to the "Setup Menu" screen, touch .

ANGLE MARK

The multi-angle mark can be turned on or off on the screen while the disc which is multi-angle compatible is being played.

Each time you touch **"Angle Mark"**, the angle mark on the screen turns on or off alternately.

PARENTAL LOCK

The level of viewer restrictions can be changed.

1. Touch "Parental Lock".

2. Enter the 4-digit personal code on the "Enter Personal Code" screen.

If you enter the wrong numbers, touch **"Clear"** to delete the numbers.

10 touches of **"Clear"** will initialized the personal code.

3. Touch a parental level (1 — 8) on the "Restriction Level".

To return to the "Setup Menu" screen, touch .

- **Enter subtitle language code**



If you touch **"Other"** on the "Select Audio Language" screen, "Select Subtitle Language" screen or "DVD Language" screen, you can select the language you want to hear or read by entering a language code.

1. Enter the 4-digit language code.

If you enter the wrong numbers, touch **"Clear"** to delete the numbers.

2. Touch "Enter".

Code	Language
1001	Japanese
0514	English
0618	French
0405	German
0920	Italian
0519	Spanish
2608	Chinese
1412	Dutch
1620	Portuguese
1922	Swedish
1821	Russian
1115	Korean
0512	Greek

0101	Afar
0102	Abkhazian
0106	Afrikaans
0113	Amharic
0118	Arabic
0119	Assamese
0125	Aymara
0126	Azerbaijani
0201	Bashkir
0205	Byelorussian
0207	Bulgarian
0208	Bihari
0209	Bislama
0214	Bengali
0215	Tibetan
0218	Breton
0301	Catalan
0315	Corsican
0319	Czach
0325	Welsh
0401	Danish
0426	Bhutani
0515	Esperanto
0520	Estonian
0521	Basque
0601	Persian
0609	Finnish
0610	Fiji
0615	Faroese
0625	Frisian
0701	Irish

0704	Scots-Gaelic
0712	Galician
0714	Guarani
0721	Gujarati
0801	Hausa
0809	Hindi
0818	Croatian
0821	Hungarian
0825	Armenian
0901	Interlingua
0905	Interlingue
0911	Inupiak
0914	Indonesian
0919	Icelandic
0923	Hebrew
1009	Yiddish
1023	Javanese
1101	Georgian
1111	Kazakh
1112	Greenlandic
1113	Cambodian
1114	Kannada
1119	Kashmiri
1121	Kurdish
1125	Kirghiz
1201	Latin
1214	Lingala
1215	Laothian
1220	Lithuanian
1222	Latvian
1307	Malagasy

1309	Maori
1311	Macedonian
1312	Malayalam
1314	Mongolian
1315	Moldavian
1318	Marathi
1319	Malay
1320	Maltese
1325	Burmese
1401	Nauru
1405	Nepali
1415	Norwegian
1503	Occitan
1513	(Afan)Oromo
1518	Oriya
1601	Panjabi
1612	Polish
1619	Pashto, Pushto
1721	Quechua
1813	Rhaeto-Romance
1814	Kirundi
1815	Romanian
1823	Kinyarwanda
1901	Sanskrit
1904	Sindhi
1907	Sangho
1908	Serbo-Croatian
1909	Sinhalese
1911	Slovak
1912	Slovenian
1913	Samoan

1914	Shona
1915	Somali
1917	Albanian
1918	Serbian
1919	Siswati
1920	Sesotho
1921	Sundanese
1923	Swahili
2001	Tamil
2005	Telugu
2007	Tajik
2008	Thai
2009	Tigrinya
2011	Turkmen
2012	Tagalog
2014	Setswana
2015	Tonga
2018	Turkish
2019	Tsonga
2020	Tatar
2023	Twi
2111	Ukrainian
2118	Urdu
2126	Uzbek
2209	Vietnamese
2215	Volapük
2315	Wolof
2408	Xhosa
2515	Yoruba
2621	Zulu

(e) Operating a video CD

● **Playing a video CD**

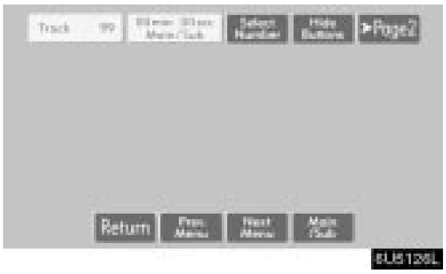


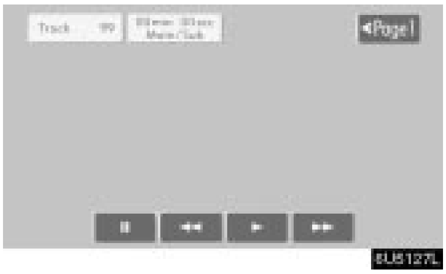
Push the “AUDIO” button to display this screen.

When you touch **“WIDE”**, the screen mode can be changed.

It you touch **“PICTURE”** when the vehicle is completely stopped and the parking brake is applied, the video screen returns.

● **Displaying operation buttons**





If you touch the part where touch-screen buttons are not located while you are watching video on the video CD, video CD operation buttons will appear.

“>Page2”: Use this button to display the operation buttons on the second page.

“<Page1”: Use this button to display the operation buttons on the top page.

“Hide Buttons”: Use this button to turn off the operation buttons from the display.

If **“⃠”** appears on the display when you touch the button, the operation is not permitted.

- **Description of each button**

BUTTONS ON TOP PAGE

“Select Number”: The track or number search screen appears. (See page 211.)

“Return”: Touching this will display the predetermined scene and start playing from there.

“Prev. Menu”: When you touch this button while the disc menu is displayed, the previous page appears on the screen. If you touch this button while the player is playing video, the previous track is searched and played.

“Next Menu”: When you touch this button while the disc menu is displayed, the next page appears on the display. If you touch this button while the player is playing video, the next track is searched and played.

“Main/Sub”: A multiplex transmission changing button. The mode changes from Main/Sub to Main, to Sub and back to Main/Sub by touching this button.

BUTTONS ON SECOND PAGE

: Use this button to pause the video screen.

: Touch this button to fast reverse during playback.

: Touch this button during pause to resume playing.

: Touch this button to fast forward during the playback. During pause, touch this button briefly to advance frame by frame, or touch and hold it to play slowly.

- **Searching by track**



Enter the track numbers on the searching track screen and touch “Enter”.

The player starts playing video for that title number.

You can select a track number by pushing the “∧” or “∨” button of **“SEEK/ TRACK”**.

Touch , and the previous screen returns.

(f) If the player malfunctions

If the player or another unit equipped with the player malfunction, your audio/video system will display following messages.

If "No Disc" appears on the display: It indicates that there is no disc in the DVD changer.

If "DISC × Check" appears on the display: It indicates that the disc dirty, damaged, or it was inserted upside down. Clean the disc or insert it correctly. If a disc which is not playable is inserted, "DISC × Check" will also appear on the screen. For appropriate discs for this player, see "Audio/video system operating hints" on page 215.

If "Region Code Error" appears on the display: It indicates that the DVD region code is not set properly.

If "DVD Error" appears on the display: The following causes are possible.

- There is a trouble inside the system. Eject the disc.
- The inside of the player unit may be too hot due to the very high ambient temperature. Eject the disc and allow the player to cool down.

If "NO MUSIC FILE" appears on the display: It indicates that the disc has no playable data.

If the malfunction is not rectified: Take your vehicle to your dealer.

If an MP3/WMA disc contains CD-DA files, only CD-DA files are played. If an MP3/WMA disc contains files other than CD-DA, only MP3/WMA files are played.

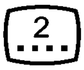
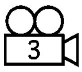
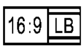
(g) DVD player and DVD video disc information

- **DVD video discs**

This DVD player conforms to NTSC color TV formats.

Region codes: Some DVD video discs have a region code indicating a country where you can use the DVD video disc on this DVD player. If the DVD video disc is not labeled as "ALL" or "1", you cannot use it on this DVD player. If you attempt to play an inappropriate DVD video disc on this player, "REGION CODE ERROR" appears on the screen. Even if the DVD video disc does not have a region code, there is a case that you cannot use it.

Marks shown on DVD video discs:

NTSC	Indicates NTSC format of color TV.
	Indicates the number of audio tracks.
	Indicates the number of language subtitles.
	Indicates the number of angles.
 	Indicates the screen to be selected. Wide screen: 16:9 Standard: 4:3
 	Indicates a region code by which this video disc can be played. ALL: in all countries Number: region code

● **DVD video disc glossary**

DVD video discs: Digital versatile Disc that holds video. DVD video discs have adopted "MPEG2", one of the world standards of digital compression technologies. The picture data is compressed by 1/40 on average and stored. Variable rate encoded technology in which the volume of data assigned to the picture is changed depending on the picture format has also been adopted. Audio data is stored using PCM and Dolby digital, which enables higher quality of sound. Furthermore, multi-angle and multi-language features will also help you enjoy the more advanced technology of DVD video.

Viewer restrictions: This feature limits what can be viewed in conformity with a level of restrictions of the country. The level of restrictions varies depending on the DVD video disc. Some DVD video discs cannot be played at all, or violent scenes are skipped or replaced with other scenes.

Level 1: DVD video discs for children can be played.

Level 2 - 7: DVD video discs for children and G-rated movie can be played.

Level 8: All types of the DVD video discs can be played.

Multi-angle feature: You can enjoy the same scene at different angles.

Multi-language feature: You can select a language of the subtitle and audio.

Region codes: The region codes are provided on DVD players and DVD discs. If the DVD video disc does not have the same region code as the DVD player, you cannot play the disc on the DVD player. For region codes, see page 213.

Audio: This DVD player can play liner PCM, Dolby digital, DTS and MPEG audio format DVD. Other decoded type cannot be played.

Title and chapter: Video and audio programs stored in DVD video disc are divided in parts by title and chapter.

Title: The largest unit of the video and audio programs stored on DVD video discs. Usually, one piece of movie, one album, or one audio program is assigned as a title.

Chapter: The unit smaller than that of title. A title comprises plural chapters.

Audio/video remote controls —
— Steering switches



Some parts of the audio/video system can be adjusted with the switches on the steering wheel.

Details of the specific switches, controls, and features are described below.

1. **Volume control switch**
2. **"∧" "∨" switches**
3. **"MODE" switch**

1 **Volume control switch**

Push **"+"** side to increase the volume. The volume continues to increase while the switch is being pressed.

Push **"-"** side to decrease the volume. The volume continues to decrease while the switch is being pressed.

2 **"∧" "∨" switches**

Radio

To select a preset station:
Quickly push and release the **"∧"** or **"∨"** switch. Do this again to select the next preset station.

To seek a station:
Push and hold the **"∧"** or **"∨"** switch until you hear a beep. Do this again to find the next station. If you push either the **"∧"** or **"∨"** switch in seek mode, the seek mode will cancel.

CD changer or DVD changer

Use this button to skip up or down to a different track, file or chapter in either direction.

To select a desired track, file or chapter:
Quickly push and release the **"∧"** or **"∨"** switch until the track, file or chapter you want to play is set. If you want to return to the beginning of the current track, file or chapter, push the **"∨"** switch once, quickly.

To select a desired disc:
Push and hold the **"∧"** or **"∨"** switch until you hear a beep to change to the next or the previous disc. Repeat this operation until you reach the disc you want to listen to.

3 **"MODE" switch**

Each time you push the **"MODE"** switch, the system changes the audio mode.

To turn the audio/video system on, push the **"MODE"** switch.

To turn the audio/video system off, push and hold the **"MODE"** switch until you hear a beep.

Audio / video system operating hints

NOTICE

To ensure correct audio/video system operations:

- ***Be careful not to spill beverages over the audio/video system.***
- ***Do not put anything other than on appropriate discs into the CD changer or DVD changer slot.***
- ***The use of a cellular phone inside or near the vehicle may cause a noise from the speakers of the audio/video system which you are listening to. However, this does not indicate a malfunction.***

Radio reception

Usually, the problem with radio reception does not mean there is a problem with your radio - it is just the normal result of conditions outside the vehicle.

For example, nearby buildings and terrain can interfere with FM reception. Power lines or telephone wires can interfere with AM signals. And of course, radio signals have a limited range, and the farther you are from a station, the weaker its signal will be. In addition, reception conditions change constantly as your vehicle moves.

Here are some common reception problems that probably do not indicate a problem with your radio:

FM

Fading and drifting stations — Generally, the effective range of FM is about 40 km (25 miles). Once outside this range, you may notice fading and drifting, which increase with the distance from the radio transmitter. They are often accompanied by distortion.

Multi-path — FM signals are reflective, making it possible for two signals to reach your antenna at the same time. If this happens, the signals will cancel each other out, causing a momentary flutter or loss of reception.

Static and fluttering — These occur when signals are blocked by buildings, trees, or other large objects. Increasing the bass level may reduce static and fluttering.

Station swapping — If the FM signal you are listening to is interrupted or weakened, and there is another strong station nearby on the FM band, your radio may tune in the second station until the original signal can be picked up again.

AM

Fading — AM broadcasts are reflected by the upper atmosphere — especially at night. These reflected signals can interfere with those received directly from the radio station, causing the radio station to sound alternately strong and weak.

Station interference — When a reflected signal and a signal received directly from a radio station are very nearly the same frequency, they can interfere with each other, making it difficult to hear the broadcast.

Static — AM is easily affected by external sources of electrical noise, such as high tension power lines, lightening, or electrical motors. This results in static.

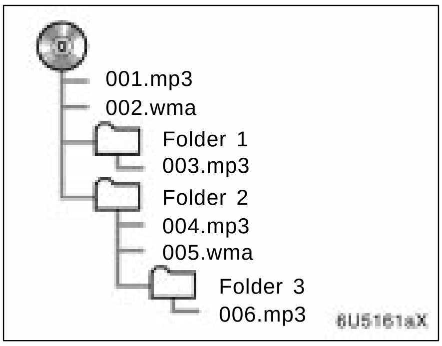
MP3/WMA files

- MP3 (MPEG Audio Layer 3) and WMA (Windows Media Audio) are audio compression standards.
- The MP3/WMA player can play MP3 and WMA files on CD-ROM, CD-R and CD-RW discs.

  The unit can play disc recordings compatible with ISO 9660 level 1 and level 2 and with the Romeo and Joliet file system.
- When naming an MP3 or WMA file, add the appropriate file extension (.mp3 or .wma).
- The MP3/WMA player plays back files with .mp3 or .wma file extensions as MP3 or WMA files. To prevent noise and playback errors, use the appropriate file extensions.
- The player can play only the first session using multi-session compatible CDs.
- MP3 files are compatible with the ID3 Tag Ver. 1.0, Ver. 1.1, Ver. 2.2, and Ver. 2.3 formats. The unit cannot display disc title, track title and artist name in other formats.
- WMA files can contain a WMA tag that is used in the same way as an ID3 tag. WMA tags carry information such as track title, artist name.
- The emphasis function is available only when playing MP3/WMA files recorded at 32, 44.1 and 48 kHz. (The system can play MP3 files with sampling frequencies of 16, 22.05, and 24 kHz. However, the emphasis function is not available for files recorded at these frequencies.)

- The sound quality of MP3/WMA files generally improves with higher bit rates. In order to achieve a reasonable level of sound quality, discs recorded with a bit rate of at least 128 kbps are recommended.

  Playable bit rates
  MP3 files:
  MPEG1 LAYER3—64 to 320 kbps
  MPEG2 LSF LAYER3—64 to 160 kbps
  WMA files:
  Ver. 7, 8 CBR—48 to 192 kbps
  Ver. 9 CBR—48 to 320 kbps
- The MP3/WMA player does not play back MP3/WMA files from discs recorder using packet write data transfer (UDF format). Discs should be recorded using "pre-mastering" software rather than packet-write software.
- The m3u playlists are not compatible with the audio player.
- MP3i (MP3 interactive) and MP3PRO formats are not compatible with the audio player.
- The MP3 player is compatible with VBR (Variable Bit Rate).
- When playing back files recorded as VBR (Variable Bit Rate) files, the play time will not be correctly displayed if fast-forward or reverse operations are used.
- It is not possible to check folders that do not include MP3/WMA files.
- MP3/WMA files in folders up to 8 levels deep can be played. However, the start of playback may be delayed when using discs containing numerous levels of folders. For this reason, we recommend creating discs with no more than two levels of folders.
- It is possible to play up to 192 folders or 255 files on one disc.



- The play order of the compact disc with the structure shown on the left is as follows:

001.mp3 → 002.wma . . . → 006.mp3 (returns to 001.mp3)

CD-R AND CD-RW DISCS

- CD-R/CD-R W discs that have not been subject to the "finalizing process" (a process that allows discs to be played on a conventional CD player) cannot be played.
- It may not be possible to play CD-R/CD-R W discs recorded on a music CD recorder or a personal computer because of disc characteristics, scratches or dirt on the disc, or dirt, condensation, etc. on the lens of the unit.
- It may not be possible to play discs recorded on a personal computer depending on the application settings and the environment. Record with the correct format. (For details, contact the appropriate application manufacturers of the applications.)
- CD-R/CD-R W discs may be damaged by direct exposure to sunlight, high temperatures or other storage conditions. The unit may be unable to play some damaged discs.
- If you insert a CD-RW disc into the MP3/WMA player, playback will begin more slowly than with a conventional CD or CD-R disc.
- Recordings on CD-R/CD-RW cannot be played using the DDCD (Double Density CD) system.

CARING FOR YOUR CD CHANGER, DVD CHANGER AND DISCS

- Your CD changer and DVD changer is intended for use with 12 cm (4.7 in.) discs only.
- Extremely high temperature can keep your CD changer and DVD changer from working. On hot days, use air conditioning to cool the vehicle interior before you listen to a disc.
- Bumpy roads or other vibrations may make your CD changer and DVD changer skip.
- If moisture gets into your CD changer and DVD changer, you may not hear any sound even though your CD changer and DVD changer appears to be working. Remove the discs from the CD changer and DVD changer and wait until it dries.

⚠ CAUTION

CD changer and DVD changer uses an invisible laser beam which could cause hazardous radiation exposure if directed outside the unit. Be sure to operate the changer correctly.

CD changer

Audio CDs	COMPACT disc DIGITAL AUDIO; COMPACT disc DIGITAL AUDIO TEXT; COMPACT disc Recordable; COMPACT disc ReWritable

- Use only compact discs marked as shown above. The following products may not be playable on your CD changer.

  SACDs
  dts-CDs
  Copy-protected CDs

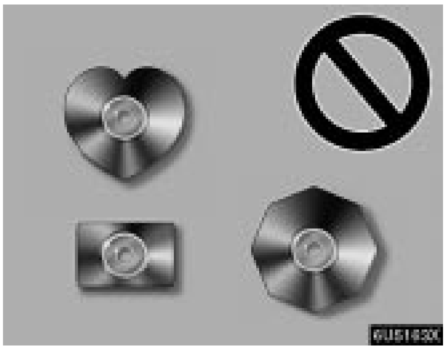
DVD changer

Audio CDs	COMPACT disc DIGITAL AUDIO; COMPACT disc DIGITAL AUDIO TEXT; COMPACT disc Recordable; COMPACT disc ReWritable
DVD video discs	DVD VIDEO; DVD VIDEO
DVD audio discs	DVD AUDIO
Video CDs	VIDEO CD; COMPACT disc DIGITAL VIDEO

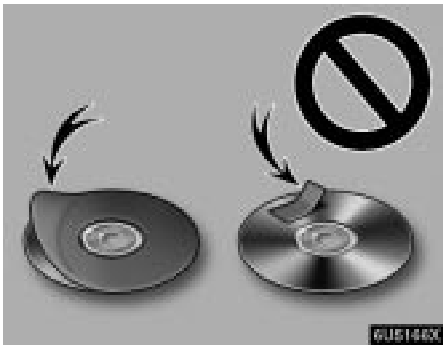
- Use only discs marked as shown above. The following products may not be playable on your DVD changer.

  SACDs
  dts-CDs
  Copy-protected CDs
  DVD-Rs
  DVD+Rs
  DVD-R Ws
  DVD+RWs
  DVD-ROMs
  DVD-RAMs

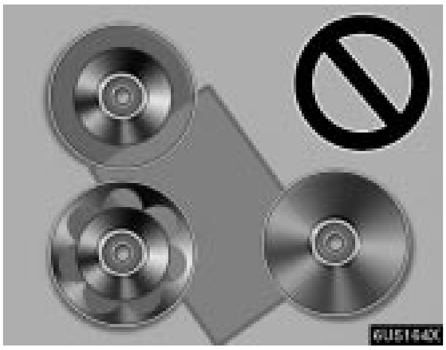
IS350/250_Navi_U
(L/O 0607)



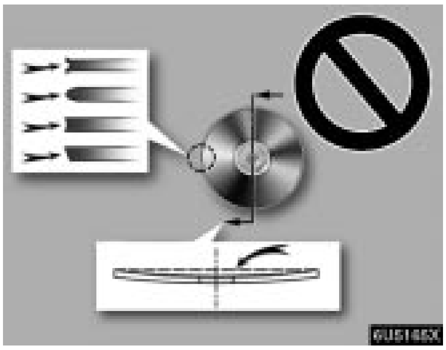
▶ Special shaped discs



▶ Labeled discs



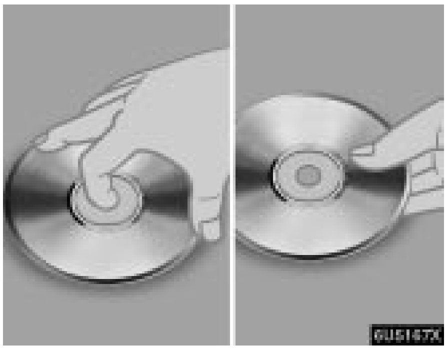
▶ Transparent / translucent discs



▶ Low quality discs

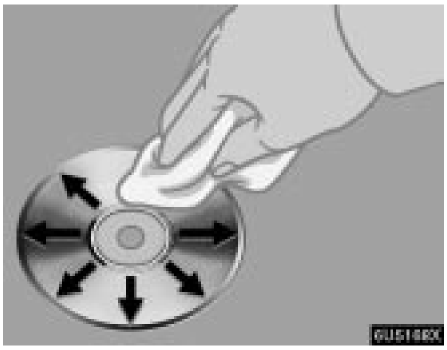
NOTICE

Do not use special shaped, transparent/translucent, low quality or labeled discs such as those shown in the illustrations. The use of such discs may damage the player or changer, or it may be impossible to eject the disc.



▶ **Correct** ▶ **Wrong**

- Handle discs carefully, especially when you are inserting them. Hold them on the edge and do not bend them. Avoid getting fingerprints on them, particularly on the shiny side.
- Dirt, scratches, warping, pin holes, or other disc damage could cause the changer to skip or to repeat a section of a track. (To see a pin hole, hold the disc up to the light.)
- Remove discs from the changer when you are not using them. Store them in their plastic cases away from moisture, heat, and direct sunlight.



To clean a disc: Wipe it with a soft, lint-free cloth that has been dampened with water. Wipe in a straight line from the center to the edge of the disc (not in a circle). Do not use a conventional record cleaner or anti-static device.

TERMS

Packet write—

This is a general term that describes the process of writing data on-demand to CD-R, etc., in the same way that data is written to floppy or hard discs.

ID3 Tag—

This is a method of embedding track-related information in an MP3 file. This embedded information can include the track title, the artist's name, the album title, the music genre, the year of production, comments and other data. The contents can be freely edited using software with ID3 tag editing functions. Although the tags are restricted to the number of characters, the information can be viewed when the track is played back.

WMA Tag—

WMA files can contain a WMA tag that is used in the same way as an ID3 tag. WMA tags carry information such as track title, artist name.

ISO 9660 format—

This is the international standard for the formatting of CD-ROM folders and files. For the ISO 9660 format, there are two levels of regulations.

Level 1:

The file name is in 8.3 format (8 character file names, with a 3 character file extension. File names must be composed of one-byte capital letters and numbers. The "_" symbol may also be included.)

Level 2:

The file name can have up to 31 characters (including the separation mark "." and file extension). Each folder must contain fewer than 8 hierarchies.

m3u—

Playlists created using "WINAMP" software have a playlist file extension (.m3u).

MP3—

MP3 is an audio compression standard determined by a working group (MPEG) of the ISO (International Standard Organization). MP3 compresses audio data to about 1/10 the size of that on conventional discs.

WMA—

WMA (Windows Media Audio) is an audio compression format developed by Microsoft. It compresses files into a size smaller than that of MP3 files. The decoding formats for WMA files are Ver. 7, 8, and 9.